EUROPEAN JOURNAL OF PHARMACOLOGY

Volume 299, Nos. 1–3 CONTENTS 28 March 1996

Cited in: Biological Abstracts – Chemical Abstracts – Current Contents/Life Sciences – Excerpta Medica (EMBASE) – Index Medicus – Pascal M – Reference Update – Unlisted Drugs – Current Awareness in Biological Sciences (CABS)

BEHAVIORAL PHARMACOLOGY

An endogenous opiate mechanism seems to be involved in stress-induced anhedonia
A. Zurita, S. Murúa and V. Molina 1

Effects of 7-nitroindazole, N^G-nitro-L-arginine, and D-CPPene on harmaline-induced postural tremor, *N*-methyl-D-aspartate-induced seizures, and lisuride-induced rotations in rats with nigral 6-hydroxydopamine lesions
F. Eblen, P.-A. Löschmann, U. Wüllner, L. Turski and T. Klockgether 9

Effects of MPTP on lever-pressing for light extinction in rats
M. Messaoudi, A. Tricoire, R. Lalonde, F. Canini and A. Minn 17

(+)-SKF-10,047 and dextromethorphan ameliorate conditioned fear stress through the activation of phenytoin-regulated σ_1 sites
H. Kamei, T. Kameyama and T. Nabeshima 21

Arginine-aspartate and haloperidol-induced neurobehavioral effects in the rat
F.R. Patacchioli, R. Di Grezia and L. Angelucci 29

Sensitization to the conditioned rewarding effects of morphine: pharmacology and temporal characteristics
T.S. Shippenberg, Ch. Heidbreder and A. Lefevour 33

Inhibition of morphine withdrawal by lamotrigine: involvement of nitric oxide
I. Lizasoain, J.C. Leza, B. Cuéllar, M.A. Moro and P. Lorenzo 41

NEUROPHARMACOLOGY AND ANALGESIA

Suppression of neocortical high-voltage spindles by nicotinic acetylcholine and 5-HT_2 receptor stimulation
P. Jäkälä, M. Björklund and P. Riekkinen Jr. 47

Valproate and its major metabolite E-2-en-valproate induce different effects on behaviour and brain monoamine metabolism in rats
W. Löscher and D. Hönack 61

Tiagabine prevents seizures, neuronal damage and memory impairment in experimental status epilepticus
T. Halonen, J. Nissinen, J.A. Jansen and A. Pitkänen 69

NMDA receptor antagonists increase the release of dopamine in the substantia nigra of reserpine-treated rats
C.S. Biggs, L.J. Fowler, P.S. Whitton and M.S. Starr 83

Neither intranigral fluoxetine nor 5,7-dihydroxytryptamine alter audiogenic seizures in genetically epilepsy-prone rats
M. Statnick, J. Dailey, P. Jobe and R. Browning 93

The effects of ifenprodil and eliprodil on voltage-dependent Ca^{2+} channels and in gerbil global cerebral ischaemia
C.P. Bath, L.N. Farrell, J. Gilmore, M.A. Ward, C.A. Hicks, M.J. O'Neill and D. Bleakman 103

Effect of interleukin-1β on the release of substance P from rat isolated spinal cord
M. Malcangio, N.G. Bowery, R.J. Flower and M. Perretti 113

CARDIOVASCULAR PHARMACOLOGY

A new and potent calmodulin antagonist, HF-2035, which inhibits vascular relaxation induced by nitric oxide synthase
N.H.H. Win, T. Ishikawa, N. Saito, M. Kato, H. Yokokura, Y. Watanabe, Y. Iida and H. Hidaka 119

Selective vasoconstriction by alniditan in the carotid vascular bed of anaesthetized dogs
A. Van de Water, J. D'Aubioul, W. Van Gerven, K. Van Ammel and F. De Clerck 127

NH_4Cl-induced contraction of porcine coronary artery involves activation of dihydropyridine-sensitive Ca^{2+} entry
I. Wakabayashi, W.R. Kukovetz and K. Groschner 139

PK 11195 antagonizes the positive inotropic response of the isolated rat heart to diazepam but not the negative inotropic response
R.S. Leeuwin, A. Zeegers and H. Van Wilgenburg 149

PULMONARY, GASTROINTESTINAL AND UROGENITAL PHARMACOLOGY

Inhibition of lipopolysaccharide-induced bowel erythrocyte extravasation in rats, and of mesenteric hypoperfusion in dogs, by phosphodiesterase inhibitors
I. Cardelús, J. Gras, J. Jáuregui, J. Llenas and J.M. Palacios 153

contents continued on page 3 of cover

As of January 1996, the *Molecular Pharmacology* section has become part of EJP. Relevant papers are now included under the heading MOLECULAR AND CELLULAR PHARMACOLOGY

0014-2999(19960328)299:1-3;1-R

Modulation of Cl^- secretion in rat distal colon by genistein, a protein tyrosine kinase inhibitor
M. Diener and F. Hug 161

ENDOCRINE PHARMACOLOGY

The σ receptor ligand rimcazole alters secretion of prolactin and α-melanocyte stimulating hormone by dopaminergic and non-dopaminergic mechanisms
M.J. Eaton, K.J. Lookingland and K.E. Moore 171

IMMUNOPHARMACOLOGY AND INFLAMMATION

A glucocorticoid receptor-independent mechanism for neurosteroid inhibition of tumor necrosis factor production
E. Di Santo, M. Sironi, T. Mennini, M. Zinetti, G. Savoldi, D. Di Lorenzo and P. Ghezzi 179

MOLECULAR AND CELLULAR PHARMACOLOGY

Intracellular signaling pathway of substance P-induced superoxide production in human neutrophils
T. Tanabe, H. Otani, L.-h. Bao, Y. Mikami, T. Yasukura, T. Ninomiya, R. Ogawa and C. Inagaki 187

Peripheral benzodiazepine receptor ligands in rat liver mitochondria: effect on 27-hydroxylation of cholesterol
V. Tsankova, M. Visentin, L. Cantoni, M. Carelli and M.T. Tacconi 197

Regulation of hamster α_{1B}-adrenoceptors expressed in Chinese hamster ovary cells
S.-J. Zhu, D.R. Cerutis, J.L. Anderson and M.L. Toews 205

Modulation of brain catecholamine absorbing proteins by dopaminergic agents
P.I. Modi, A. Kashyap, V.D. Nair, G.M. Ross, M. Fu, J.E. Savelli, E.R. Marcotte, C. Barlas and R.K. Mishra 213

A novel agonist, phorbol 12-phenylacetate 13-acetate 20-homovanillate, abolishes positive cooperativity of binding by the vanilloid receptor
A. Szallasi, G. Acs, G. Cravotto, P.M. Blumberg, J.M. Lundberg and G. Appendino 221

Cicaprost and the type IV phosphodiesterase inhibitor, rolipram, synergize in suppression of tumor necrosis factor-α synthesis
T.F. Greten, B. Sinha, C. Haslberger, A. Eigler and S. Endres 229

Author index 235

Keyword index 237